

0500

OIPE

RAW SEQUENCE LISTING

DATE: 12/08/2000

PATENT APPLICATION: US/09/724,406

TIME: 15:06:30

Input Set : A:\9632006a.app

Output Set: N:\CRF3\12082000\I724406.raw

4 <110> APPLICANT: Francisco et al.
 6 <120> TITLE OF INVENTION: RECOMBINANT ANTI-CD30 ANTIBODIES AND USES THEREOF
 8 <130> FILE REFERENCE: 9632-006
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/724,406
 C--> 10 <141> CURRENT FILING DATE: 2000-11-28
 10 <160> NUMBER OF SEQ ID NOS: 32
 12 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 351
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Mus musculus
 19 <220> FEATURE:
 20 <221> NAME/KEY: CDS
 21 <222> LOCATION: (1) (351)
 23 <400> SEQUENCE: 1
 24 cag atc cag ctg cag cag tct gga cct gag gtg gtg aag cct ggg gct 48
 25 Gln Ile Gln Leu Gln Gln Ser Gly Pro Glu Val Val Lys Pro Gly Ala
 26 1 5 10 15
 28 tca gtg aag ata tcc tgc aag gct tct ggc tac acc ttc act gac tac 96
 29 Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asp Tyr
 30 20 25 30
 32 tat ata acc tgg gtg aag cag aag cct gga cag gga ctt gag tgg att 144
 33 Tyr Ile Thr Trp Val Lys Gln Lys Pro Gly Gln Gly Leu Glu Trp Ile
 34 35 40 45
 36 gga tgg att tat cct gga agc ggt aat act aag tac aat gag aag ttc 192
 37 Gly Trp Ile Tyr Pro Gly Ser Gly Asn Thr Lys Tyr Asn Glu Lys Phe
 38 50 55 60
 40 aag ggc aag gcc aca ttg act gta gac aca tcc tcc agc aca gcc ttc 240
 41 Lys Gly Lys Ala Thr Leu Thr Val Asp Thr Ser Ser Ser Thr Ala Phe
 42 65 70 75 80
 44 atg cag ctg agc agc ctg aca tct gag gac act gct gtc tat ttc tgt 288
 45 Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Val Tyr Phe Cys
 46 85 90 95
 48 gcg aac tat ggt aac tac tgg ttt gct tac tgg ggc caa ggg act cag 336
 49 Ala Asn Tyr Gly Asn Tyr Trp Phe Ala Tyr Trp Gly Gln Gly Thr Gln
 50 100 105 110
 52 gtc act gtc tct gca 351
 53 Val Thr Val Ser Ala
 54 115
 57 <210> SEQ ID NO: 2
 58 <211> LENGTH: 117
 59 <212> TYPE: PRT
 60 <213> ORGANISM: Mus musculus
 62 <400> SEQUENCE: 2
 63 Gln Ile Gln Leu Gln Gln Ser Gly Pro Glu Val Val Lys Pro Gly Ala
 64 1 5 10 15
 65 Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asp Tyr

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66          20          25          30
67 Tyr Ile Thr Trp Val Lys Gln Lys Pro Gly Gln Gly Leu Glu Trp Ile
68          35          40          45
69 Gly Irp Ile Tyr Pro Gly Ser Gly Asn Thr Lys Tyr Asn Glu Lys Phe
70          50          55          60
71 Lys Gly Lys Ala Thr Leu Thr Val Asp Thr Ser Ser Ser Thr Ala Phe
72 65          70          75          80
73 Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Thr Ala Val Tyr Phe Cys
74          85          90          95
75 Ala Asn Tyr Gly Asn Tyr Trp Phe Ala Tyr Trp Gly Gln Gly Thr Gln
76          100          105          110
77 Val Thr Val Ser Ala
78          115
80 <210> SEQ ID NO: 3
81 <211> LENGTH: 15
82 <212> TYPE: DNA
83 <213> ORGANISM: Mus musculus
85 <400> SEQUENCE: 3
86 gactactata taacc
88 <210> SEQ ID NO: 4
89 <211> LENGTH: 5
90 <212> TYPE: PRT
91 <213> ORGANISM: Mus musculus
93 <400> SEQUENCE: 4
94 Asp Tyr Tyr Ile Thr
95 1 5
97 <210> SEQ ID NO: 5
98 <211> LENGTH: 51
99 <212> TYPE: DNA
100 <213> ORGANISM: Mus musculus
102 <400> SEQUENCE: 5
103 tggatttata ctggaagcgg taataactaag tacaatgaga agttcaaggg c
105 <210> SEQ ID NO: 6
106 <211> LENGTH: 17
107 <212> TYPE: PRT
108 <213> ORGANISM: Mus musculus
110 <400> SEQUENCE: 6
111 Trp Ile Tyr Pro Gly Ser Gly Asn Thr Lys Tyr Asn Glu Lys Phe Lys
112 1 5 10 15
113 Gly
116 <210> SEQ ID NO: 7
117 <211> LENGTH: 24
118 <212> TYPE: DNA
119 <213> ORGANISM: Mus musculus
121 <400> SEQUENCE: 7
122 tatggtaact actggtttgc ttac
124 <210> SEQ ID NO: 8
125 <211> LENGTH: 8
126 <212> TYPE: PRT

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127 <213> ORGANISM: Mus musculus
129 <400> SEQUENCE: 8
130 Iyr Gly Asn Tyr Trp Phe Ala Iyr
131 1 5
133 <210> SEQ ID NO: 9
134 <211> LENGTH: 333
135 <212> TYPE: DNA
136 <213> ORGANISM: Mus musculus
138 <220> FEATURE:
139 <221> NAME/KEY: CDS
140 <222> LOCATION: (1)...(333)
142 <400> SEQUENCE: 9
143 gac att gtg ctg acc caa tct cca gct tct ttg gct gtg tct cta ggg 48
144 Asp Ile Val Leu Thr Gln Ser Pro Ala Ser Leu Ala Val Ser Leu Gly
145 1 5 10 15
147 caa agg gcc acc atc tcc tgc aag gcc aqc caa agt gtt gat ttt gat 96
148 Gln Arg Ala Thr Ile Ser Cys Lys Ala Ser Gln Ser Val Asp Phe Asp
149 20 25 30
151 ggt gat agt tat atg aac tgg tac caa cag aaa cca gga cag cca ccc 144
152 Gly Asp Ser Tyr Met Asn Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro
153 35 40 45
155 aaa gtc ctg atc tat gct gca tcc aat cta gaa tct ggg atc cca gcc 192
156 Lys Val Leu Ile Tyr Ala Ala Ser Asn Leu Glu Ser Gly Ile Pro Ala
157 50 55 60
159 agg ttt agt ggc agt ggg tct ggg aca gac ttc acc ctg aac atc cat 240
160 Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Asn Ile His
161 65 70 75 80
163 cct gtg gag gag gat gct gca acc tat tac tgt cag caa agt aat 288
164 Pro Val Gln Glu Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Ser Asn
165 85 90 95
167 gag gat ccg tgg acg ttc ggt gga gcc acc aag ctg gaa atc aaa 333
168 Glu Asp Pro Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
169 100 105 110
172 <210> SEQ ID NO: 10
173 <211> LENGTH: 111
174 <212> TYPE: PRT
175 <213> ORGANISM: Mus musculus
177 <400> SEQUENCE: 10
178 Asp Ile Val Leu Thr Gln Ser Pro Ala Ser Leu Ala Val Ser Leu Gly
179 1 5 10 15
180 Gln Arg Ala Thr Ile Ser Cys Lys Ala Ser Gln Ser Val Asp Phe Asp
181 20 25 30
182 Gly Asp Ser Tyr Met Asn Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro
183 35 40 45
184 Lys Val Leu Ile Tyr Ala Ala Ser Asn Leu Glu Ser Gly Ile Pro Ala
185 50 55 60
186 Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Asn Ile His
187 65 70 75 80
188 Pro Val Glu Glu Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Ser Asn

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189          85          90          95
190 Glu Asp Pro Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
191          100          105          110
193 <210> SEQ ID NO: 11
194 <211> LENGTH: 45
195 <212> TYPE: DNA
196 <213> ORGANISM: Mus musculus
198 <400> SEQUENCE: 11
199 aaggccagcc aaagtgttga ttttgatggt gatagttata tgaac 45
201 <210> SEQ ID NO: 12
202 <211> LENGTH: 15
203 <212> TYPE: PRT
204 <213> ORGANISM: Mus musculus
206 <400> SEQUENCE: 12
207 Lys Ala Ser Gln Ser Val Asp Phe Asp Gly Asp Ser Tyr Met Asn
208 1 5 10 15
210 <210> SEQ ID NO: 13
211 <211> LENGTH: 21
212 <212> TYPE: DNA
213 <213> ORGANISM: Mus musculus
215 <400> SEQUENCE: 13
216 gctgcatcca atctagaatc t 21
218 <210> SEQ ID NO: 14
219 <211> LENGTH: 7
220 <212> TYPE: PRT
221 <213> ORGANISM: Mus musculus
223 <400> SEQUENCE: 14
224 Ala Ala Ser Asn Leu Glu Ser
225 1 5
227 <210> SEQ ID NO: 15
228 <211> LENGTH: 27
229 <212> TYPE: DNA
230 <213> ORGANISM: Mus musculus
232 <400> SEQUENCE: 15
233 cagcaaagta atgaggatcc gtggacg 27
235 <210> SEQ ID NO: 16
236 <211> LENGTH: 9
237 <212> TYPE: PRT
238 <213> ORGANISM: Mus musculus
240 <400> SEQUENCE: 16
241 Gln Gln Ser Asn Glu Asp Pro Trp Thr
242 1 5
244 <210> SEQ ID NO: 17
245 <211> LENGTH: 375
246 <212> TYPE: DNA
247 <213> ORGANISM: Mus musculus
249 <220> FEATURE:
250 <221> NAME/KEY: CDS
251 <222> LOCATION: (1)...(375)

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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/724,406
 DATE: 12/03/2000
 TIME: 15:06:30

Input Set : A:\9632006a.app
 Output Set: N:\CRF3\12082000\I724406.raw

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253 <400> SEQUENCE: 17
254 gag gtg aag ctg gtg gag tct gga gga ggc ttg gta cag cct ggg ggt      48
255 Glu Val Lys Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
256 1 5 10 15
258 tct ctg aga ctc tcc tgt gca act tct ggg ttc acc ttc agt gat tac      96
259 Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Phe Thr Phe Ser Asp Tyr
260 20 25 30
262 tat atg aac tgg gtc cgc caq cct cca gga aag gct ctt gag tgg ttg      144
263 Tyr Met Asn Irp Val Arg Gln Pro Pro Gly Lys Ala Leu Glu Irp Leu
264 35 40 45
266 ggt ttt att aga aac aaa gct aat ggt tac aca aca gag ttc agt gca      192
267 Gly Phe Ile Arg Asn Lys Ala Asn Gly Tyr Thr Thr Glu Phe Ser Ala
268 50 55 60
270 tct gtg atg ggt cgg ttc acc atc tcc aga gat gat tcc caa aqc atc      240
271 Ser Val Met Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Gln Ser Ile
272 65 70 75 80
274 ctc tat ctt cag atg aac acc ctg aga gct gag gac agt gcc act tat      288
275 Leu Tyr Leu Gln Met Asn Thr Leu Arg Ala Glu Asp Ser Ala Thr Tyr
276 85 90 95
278 tac tgt gca aga gat ccc ccc tat ggt aac ccc cat tat tat gct atg      336
279 Tyr Cys Ala Arg Asp Pro Pro Tyr Gly Asn Pro His Tyr Tyr Ala Met
280 100 105 110
282 gac tac tgg ggt caa gga acc tca gtc acc gtc tcc tca      375
283 Asp Tyr Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser
284 115 120 125
287 <210> SEQ ID NO: 18
288 <211> LENGTH: 125
289 <212> TYPE: PRT
290 <213> ORGANISM: Mus musculus
292 <400> SEQUENCE: 18
293 Glu Val Lys Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
294 1 5 10 15
295 Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Phe Thr Phe Ser Asp Tyr
296 20 25 30
297 Tyr Met Asn Trp Val Arg Gln Pro Pro Gly Lys Ala Leu Glu Trp Leu
298 35 40 45
299 Gly Phe Ile Arg Asn Lys Ala Asn Gly Tyr Thr Thr Glu Phe Ser Ala
300 50 55 60
301 Ser Val Met Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Gln Ser Ile
302 65 70 75 80
303 Leu Tyr Leu Gln Met Asn Thr Leu Arg Ala Glu Asp Ser Ala Thr Tyr
304 85 90 95
305 Tyr Cys Ala Arg Asp Pro Pro Tyr Gly Asn Pro His Tyr Tyr Ala Met
306 100 105 110
307 Asp Tyr Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser
308 115 120 125
310 <210> SEQ ID NO: 19
311 <211> LENGTH: 15
312 <212> TYPE: DNA

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/724,406

DATE: 12/08/2000

TIME: 15:06:31

Input Set : A:\9632006a.app

Output Set: N:\CRF3\12082000\I724406.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date